

Title (en)

RANDOM-ACCESS OCCASION SELECTION FOR REDUCED-CAPABILITY USER EQUIPMENT

Title (de)

DIREKTZUGRIFFSGELEGENHEITSAUSWAHL FÜR BENUTZERGERÄT MIT REDUZIERTER KAPAZITÄT

Title (fr)

SÉLECTION D'OCCASION D'ACCÈS ALÉATOIRE POUR ÉQUIPEMENT UTILISATEUR À CAPACITÉ RÉDUITE

Publication

EP 4360383 A1 20240501 (EN)

Application

EP 22827025 A 20220301

Priority

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Abstract (en)

[origin: US2022417997A1] Methods, systems, and devices for wireless communications are described. The described techniques relate to improved methods, systems, devices, and apparatuses that support random-access occasion (RO) selection for reduced-capability (RedCap) user equipment (UEs). A RedCap UE operating in a half-duplex mode may use the techniques described herein to efficiently select an RO in which to transmit a random-access preamble based on a duration between a latest received downlink transmission and the RO satisfying a threshold duration. The UE may receive system information mapping a set of synchronization signal blocks (SSBs) to a set of ROs. The UE may then select an RO from the set of ROs in which to transmit the random-access preamble such that the UE has sufficient time to transition from a receive mode to a transmit mode to transmit the random-access preamble.

IPC 8 full level

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